

AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract on page 23 with the following new Abstract:

Abstract

A mobile station adapted to be used in a radio communications system includes a receiver apparatus adapted to receive blocks of distorted information bits at a first rate from a transmitter via a communications link, and a first detecting apparatus adapted to detect information bits from the distorted information bits. The mobile station also includes a second detecting apparatus adapted, when the quality of the received blocks of information bits is above a given level, to detect information bits from the distorted information bits using fewer computation resources than the first detecting apparatus. This Abstract is provided to comply with rules requiring an Abstract that allows a searcher or other reader to quickly ascertain subject matter of the technical disclosure. This Abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b).